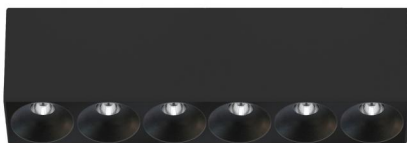


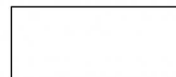
198-264 V | 6 x powerLEDs 9 W DC - 11 W AC

CRI 90

65193W45



86



38



213

| Technische Daten                                    |                   |
|-----------------------------------------------------|-------------------|
| Typ                                                 | Oberfläche        |
| Installationsposition                               | Decke             |
| Installationsumgebung                               | Indoor            |
| Lichtquelle                                         | LED               |
| Circuit structure                                   | powerLEDs         |
| Optik                                               | Medium Wide Flood |
| Light emission direction                            | downward          |
| Lampe Nennleistung                                  | 9 W DC            |
| Gesamtleistung                                      | 11 W              |
| Lichtstrom (Lichtquelle)                            | 1278 lm           |
| Nominale Eingangsspannung                           | 220 - 240 V AC    |
| Eingangsspannungsbereich                            | 198 - 264 V AC    |
| Frequency                                           | 50 - 60 Hz        |
| Ähnlichste Farbtemperatur / Tone                    | 3000 K            |
| Farbwiedergabeindex                                 | 90 Ra             |
| Gleichstrom/Gleichspannung                          | AC                |
| Isolierklasse                                       | 2                 |
| IP                                                  | IP20              |
| Glühdrahtprüfung                                    | 850°              |
| Direkte Montage auf normal entflammaren Oberflächen | Ja                |
| CE                                                  | Ja                |
| Einschließlich Driver                               | Driver            |
| Leuchte dimmbar                                     | Nein              |
| Schwenkbarkeit                                      | Nein              |
| Drehbarkeit                                         | Nein              |
| Begehbarkeit                                        | Nein              |
| Überrollbarkeit                                     | Nein              |
| Einschließlich Kabel                                | Ja                |
| Kabellänge                                          | 0.170 m           |
| Harzbeschichtung                                    | Nein              |
| Typ Lichtabstrahlung                                | Einflammig        |
| Nettogewicht                                        | 0.700 Kg          |
| Schutz vor elektrostatischen Entladungen            | 4 KV              |
| Schutz vor Stoßspannungen                           | 2 KV              |
| Technische Merkmale des Produkts                    | TVS               |

**Oberfläche Oberfläche Gehäuse**

|                 |                                                |
|-----------------|------------------------------------------------|
| Material        | Aluminiumlegierung 6060                        |
| Farbe           | Text black RAL9005                             |
| Bearbeitungstyp | Pulverbeschichtung mit duroplastischen Pulvern |

**Oberfläche Oberfläche diffusor**

|                 |                             |
|-----------------|-----------------------------|
| Material        | UV beständiges Polycarbonat |
| Farbe           | Polished (galvanic) chrome  |
| Bearbeitungstyp | Metallisierung              |

**Cables Electrification**

|                 |    |
|-----------------|----|
| Cable connector | No |
|-----------------|----|

198-264 V | 6 x powerLEDs 9 W DC - 11 W AC | CRI 90  
65193W45

Single emission ceiling downlights for indoor application. The warm white LED light source with a medium wide flood light distribution is composed of 6 powered LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 1278 lm, with a 142.0 lm/W nominal luminous efficacy.

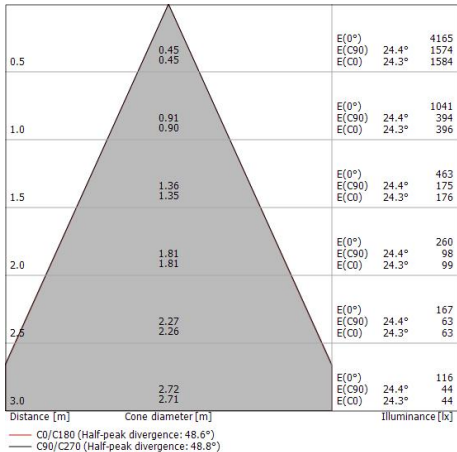
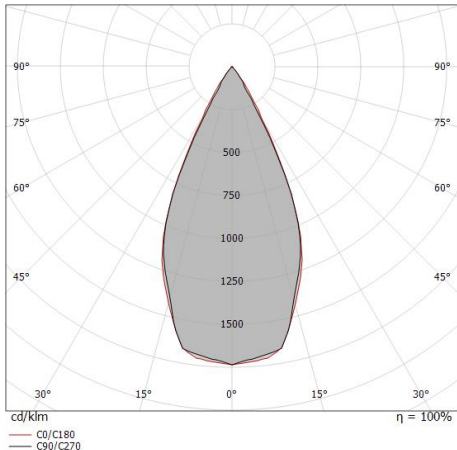
The device body is made of aluminium alloy 6060 and features a text black ral9005 finish, processed by means of powder coating with thermosetting powders; the diffuser is made of uv resistant polycarbonate with a metallization treatment.

The ingress protection degree is IP20; the total weight is of 0.700 kg.

The total absorbed power is 11 W The power supply cable is included and features a 0.170 m length.

The device features protection class II and can be ceiling-mounted.

Compliant with the EN 60598-1 standard and its specific provisions.



| Energieeffizienzklasse                                              |  |
|---------------------------------------------------------------------|--|
| Dieses Produkt enthält 2 Lichtquellen der Energieeffizienzklasse F. |  |

| Illuminotechnical Eigenschaften       |                |
|---------------------------------------|----------------|
| Light Output Ratio (LOR)              | 47 %           |
| Lichtstrom (Lichtquelle)              | 1278 lm        |
| Leuchten Lichtstrom                   | 601 lm         |
| Consumption                           | 11 W           |
| Leuchten Lichtausbeute                | 54 lm/W        |
| Farbtemperatur                        | 3000 K         |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Farbwiedergabeindex                   | 90 Ra          |
| Standardumgebungstemperatur           | -20 / +50°C    |
| Typische Temperatur am Glas           | 40°C           |

| LED Life / Failure Ratio             |  |
|--------------------------------------|--|
| L70 B10 C0 214455h (at Tj 65 Ta 25 ) |  |
| L80 B10 C0 136355h (at Tj 65 Ta 25 ) |  |
| L90 B10 C0 67466h (at Tj 65 Ta 25 )  |  |

| UGR               |          |
|-------------------|----------|
| UGR transversal   | 9.6      |
| UGR axial         | 8        |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

| OPTICAL                     |             |
|-----------------------------|-------------|
| Optik C0/C180               | 49°         |
| Light distribution simmetry | Symmetrical |